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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: January 21, 2005 Name: Carolyn Beason-Wright Signature: *Carolyn Beason-Wright*

**BRINKS  
HOFER  
GILSON  
& LIONE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Dongmao Zhang et al.

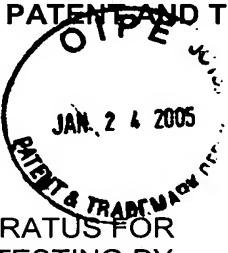
Appln. No.: 10/821,231

Filed: April 8, 2004

For: PROCESS AND APPARATUS FOR  
SEGREGATION AND TESTING BY  
SPECTRAL ANALYSIS OF SOLID  
DEPOSITS DERIVED FROM LIQUID  
MIXTURES

Attorney Docket No: 12267/017

Mail Stop Missing Parts  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450



Examiner: Unknown

Art Unit: 1714

**TRANSMITTAL**

Sir:

**Attached is/are:**

- RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE, AND RENEWAL OF REQUEST FOR CORRECTED FILING RECEIPT]
- Return Receipt Postcard

**Fee calculation:**

- No additional fee is required.
- Small Entity.
- An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- A petition or surcharge in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.16(e).
- An additional filing fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Not a Small Entity	
					Rate	Add'l Fee	or	Rate
Total		Minus			x \$25=			x \$50=
Indep.		Minus			x 100=			x \$200=
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=
					Total	\$	Total	\$

**Fee payment:**

- A check in the amount of \$\_\_\_\_\_ to cover the above-identified fee(s) is enclosed.
- Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).
- The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

*A. James Richardson*  
A. James Richardson (Reg. No. 26,983)

1/21/05

Date

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January 21, 2005  
Date of Deposit

  
Carolyn Beacon-Wright



PATENT  
Docket No. 12264/017

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Dongmao Zhang et al.

Serial No: 10/821,231

Filed: April 8, 2004

For: Process and Apparatus for  
Segregation and Testing by  
Spectral Analysis of Solid  
Deposits Derived from Liquid  
Mixtures

Examiner: Not yet Assigned

Group Art Unit: 1714

Confirmation No. 9405

MAIL STOP MISSING PARTS  
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Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT  
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE, AND  
RENEWAL OF REQUEST FOR CORRECTED FILING RECEIPT**

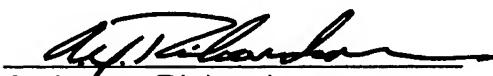
Sir:

Applicants submit herewith a sequence listing in hard copy and in computer readable form. The corrected listing deletes the objectionable text from line 3, corrects the length statement in line 33, and deletes the entry at the end of line 167, which had already been duplicated to the beginning of line 168. This sequence is taken from a public source as indicated in paragraph 0032 appearing on page 13 of the specification, and not claimed by applicants.

Applicants again renew their request for a corrected filing receipt. The present filing receipt indicates that the data submitted by the applicants with respect to one of the provisional applications, s/n 60/554,701, is in error. Applicants submit herewith another copy of the filing receipt of that provisional application, which shows the serial number and filing date indicated by the applicants. To the extent that there is some error in the records, applicants request modification and/or correction of same.

Respectfully submitted,

Date: 1/21/05

  
A. James Richardson  
Reg. No. 26,983

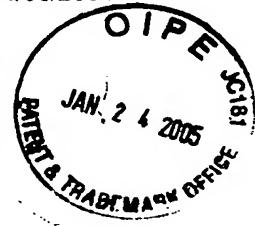
BRINKS HOFER GILSON & LIONE  
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Indianapolis, IN 46204  
Gen'l. Tel. (317) 636-0886  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/821,231	04/08/2004	Dongmao Zhang	12264/017



CONFIRMATION NO. 9405

## FORMALITIES LETTER



\*OC000000014876778\*

Date Mailed: 01/05/2005

A. James Richardson  
 BRINKS HOFER GILSON & LIONE  
 Suite 1600  
 One Indiana Square  
 Indianapolis, IN 46204-2004

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
 CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
 DISCLOSURES**

*Filing Date Granted*

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- To Download Patentin Software, visit <http://www.uspto.gov/web/patents/software.htm>
- For Patentin Software Program Help, call (571) 272-2510 or email [mark.spencer@uspto.gov](mailto:mark.spencer@uspto.gov)

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

J. Stephen

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE